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CETTE PAGE ANNULE ET REMPLACE LA PRECEDENTE

⑫

DEMANDE DE BREVET D'INVENTION

A1

②2 Date de dépôt : 06.12.94.

③0 Priorité :

④3 Date de la mise à disposition du public de la
demande : 07.06.96 Bulletin 96/23.

⑤6 Liste des documents cités dans le rapport de
recherche préliminaire : *Se reporter à la fin du
présent fascicule.*

⑥0 Références à d'autres documents nationaux
apparentés :

⑦1 Demandeur(s) : L'OREAL SOCIETE ANONYME —
FR.

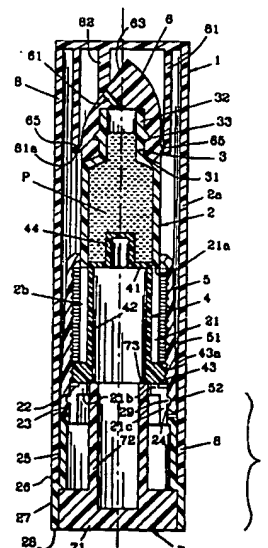
⑦2 Inventeur(s) : GUERET JEAN LOUIS.

⑦3 Titulaire(s) :

⑦4 Mandataire : L'OREAL

⑤4 **ENSEMBLE DE DISTRIBUTION POUR L'APPLICATION D'UN PRODUIT DE CONSISTANCE LIQUIDE A PATEUSE.**

⑤7 La présente invention se rapporte à un ensemble (1) de distribution et d'application d'un produit (P) de consistance liquide à pâteuse, comprenant un réservoir tubulaire (2) pour contenir le produit à distribuer communiquant avec au moins un orifice de distribution (61), ce réservoir, du côté opposé à l'orifice (61), comportant au moins une fente longitudinale (21); un piston (4) apte à coulisser en translation à l'intérieur du réservoir (2) comportant des moyens d'entraînement en translation (43) traversant la fente (21); une embase (8) raccordée au réservoir; des moyens d'entraînement (51) en translation du piston (4). Le réservoir (2) et l'embase (8) sont réalisés en une pièce, la fente (21) étant réalisée sur une partie (2b) seulement du réservoir (2).



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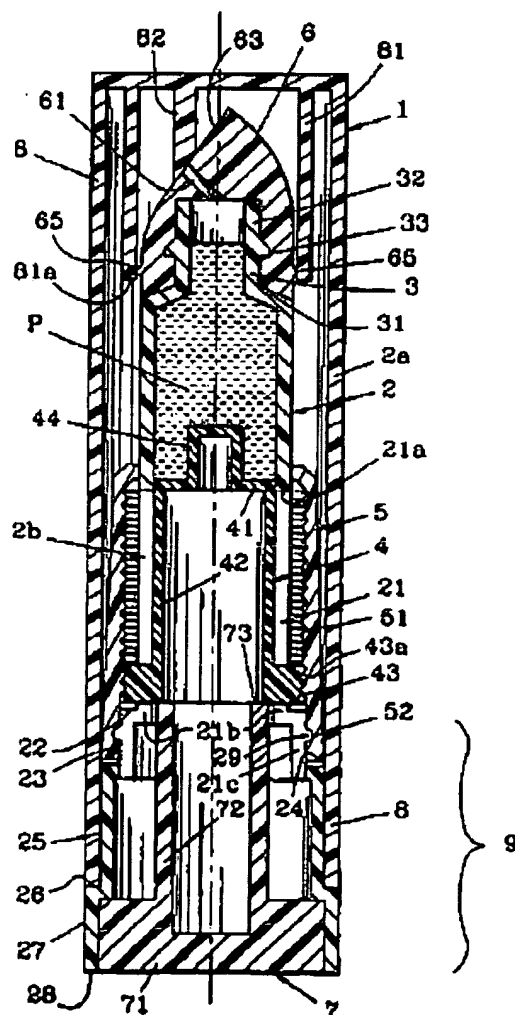
Liquid or paste product applicator

Patent number: FR2727609
Publication date: 1996-06-07
Inventor: GUERET JEAN LOUIS
Applicant: OREAL (FR)
Classification:
 - International: A45D40/04; A45D34/04
 - european: A45D34/04C; A45D40/04
Application number: FR19940014653 19941206
Priority number(s): FR19940014653 19941206

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Abstract of FR2727609

The applicator, e.g. for a lip balm or other cosmetic skin product, consists of a tubular reservoir (2) for the product, communicating with an outlet (61), and having a lengthwise slit (21) and a piston (4) at the opposite end to the outlet, and a base (9) with a drive for the piston. The reservoir and base are made in one piece, with the slit covering only part of the reservoir's length, while the upper end of the reservoir is equipped with an applicator tip (6) contg. the outlet (61). The piston drive comprises a ring (5) surrounding the reservoir and having an inner spiral drive surface which engages with a projection (43) on the piston through the slit. The applicator tip is made from an elastomer material selected from polyethylene, polyurethane, polyester, polyether block amides, polyvinyls, ethylene ter-polymers, propylene and diene, styrene butadiene polymers, silicones, nitrile rubbers and latex.



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Family list

27 family members for:

FR2727609

Derived from 17 applications.

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- | | |
|-----------|--|
| 1 | SPENDER FÜR EIN FLÜSSIGES ODER PASTOSES PRODUKT
Publication info: AT262294T T - 2004-04-15 |
| 2 | Dispenser for Liquid - Pasty product
Publication info: CA2164380 A1 - 1996-06-07
CA2164380 C - 2000-11-28 |
| 3 | DISTRIBUTOR WITH AN APPLICATION MOUTHPIECE FOR A LIQUID TO PASTY TEXTURE PRODUCT
Publication info: CA2164471 A1 - 1996-06-07
CA2164471 C - 2002-02-19 |
| 4 | Dispenser for a product with a liquid-to-pasty consistency
Publication info: DE69532743D D1 - 2004-04-29 |
| 5 | Dispenser for a product with a liquid-to-pasty consistency
Publication info: DE69532743T T2 - 2005-03-17 |
| 6 | Liquid or pasty product dispenser with an applicator head
Publication info: DE69533055D D1 - 2004-06-24 |
| 7 | Liquid or pasty product dispenser with an applicator head
Publication info: DE69533055T T2 - 2005-05-12 |
| 8 | Liquid or pasty product dispenser
Publication info: EP0715820 A2 - 1996-06-12
EP0715820 A3 - 2001-07-18
EP0715820 B1 - 2004-03-24 |
| 9 | Liquid or pasty product dispenser with an applicator head
Publication info: EP0715821 A2 - 1996-06-12
EP0715821 A3 - 2001-12-05
EP0715821 B1 - 2004-05-19 |
| 10 | Dispenser for a product with a liquid-to-pasty consistency
Publication info: ES2217275T T3 - 2004-11-01 |
| 11 | Liquid or pasty product dispenser with an applicator head
Publication info: ES2220921T T3 - 2004-12-16 |
| 12 | Dispenser for a product with a liquid-to-pasty consistency
Publication info: FR2727608 A1 - 1996-06-07
FR2727608 B1 - 1997-01-10 |
| 13 | Liquid or paste product applicator
Publication info: FR2727609 A1 - 1996-06-07
FR2727609 B1 - 1997-01-10 |
| 14 | NOZZLE FOR SUBSTANCE WITH LIQUID TO PASTE-LIKE VISCOSITY AND DISPENSER USING IT
Publication info: JP288567582 B2 - 1999-04-26
JP8229461 A - 1996-09-10 |
| 15 | DISPENSER FOR SUBSTANCE WITH LIQUID TO PASTE-LIKE VISCOSITY PROVIDED WITH CHIP FOR COATING
Publication info: JP288567682 B2 - 1999-04-26
JP8229462 A - 1996-09-10 |
| 16 | Dispenser for a product with a liquid-to-pasty consistency
Publication info: US5772347 A - 1998-06-30 |
| 17 | Dispenser for a product of liquid-to-pasty consistency, equipped with an application tip
Publication info: US5879095 A - 1999-03-09 |

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